Applicant: Donald Lee Shandera Jr. Attorney's Docket No.: 18780-Serial No.: 10/521,121 022US1 / CGL02/0023US

Serial No.: 10/521,121 Filed: January 12, 2005

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Amendments to the Claims:

Please amend claims 1 and 19 as follows. The claims and their status are shown below.

1. (Currently amended) A process for treating corn and/or millet(s) or parts thereof, comprising:

- a) contacting the corn and/or millet(s) or parts thereof with at least one agent selected from the group consisting of non-protein, non-amino acid, non-vitamin, organic sulfur containing compounds; thiosulfate; and sodium dithionite, thereby producing agent-treated corn and/or millet(s) or parts thereof; and
- b) wet processing or wet milling the agent-treated corn and/or millet(s) or parts thereof.
- 2. (Original) The process according to claim 1, wherein the agent is utilized in a liquid form.
- 3. (Previously presented) The process according to claim 1 further comprising contacting the agent-treated corn and/or millet(s) or parts thereof with a solution.
- 4. (Original) The process according to claim 3 wherein the solution is selected from the group consisting of an aqueous solution, an organic solution, and mixtures thereof.
 - 5. (Original) The process according to claim 4 wherein the solution comprises water.
- 6. (Original) The process according to claim 1 wherein the agent is a non-protein, non-amino acid, non-vitamin organic sulfur containing compound selected from the group consisting of thioglycolic acid, mercaptoethanol, bis(2-mercaptoethyl)sulfone, dithiothreitol, formamidinesulfinic acid, dithioerytheitol, dimethyl sulfide, thiourea, methyl mercaptan, 2-mercaptoethanesulfonic acid, 3-mercapto-1-propanol, 1-propanethiol, 2-propanethiol, thiolactic acid, thioglycerol, butyl mercaptan, benzenethiol, benzyl mercaptan, diethyldithiocarbamate, N-ethylmaleimide, thiocyanate, and mixtures thereof.
 - 7. (Original) The process according to claim 6 wherein the agent is dithiothreitol.
 - 8. (Original) The process according to claim 6 wherein the agent is mercaptoethanol.
 - 9. (Original) The process according to claim 6 wherein the agent is thioglycolic acid.
 - 10. (Original) The process according to claim 6 wherein the agent is dimethyl sulfide.
- 11. (Original) The process according to claim 6 wherein the agent is bis(2-mercaptoethyl)sulfone.

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12. (Original) The process according to claim 6 wherein the agent is thiourea.

- 13. (Original) The process according to claim 6 wherein the agent is thiolactic acid.
- 14. (Previously presented) The process according to claim 1 wherein the corn and/or millet(s) or parts thereof are contacted with an amount of agent of at least 0.001 mole/kg corn and/or millet(s) or parts thereof.
- 15. (Previously presented) The process according to claim 1 wherein the corn and/or millet(s) or parts thereof are contacted with an amount of agent of at least 0.001 mole/kg to about 2 mole/kg corn and/or millet(s) or parts thereof.
- 16. (Previously presented) The process according to claim 1 wherein the corn and/or millet(s) or parts thereof are contacted with the agent for a period of at least about 1 minute.
- 17. (Previously presented) The process according to claim 1 wherein the corn and/or millet(s) or parts thereof are contacted with the agent for a period of at least about 1 minute to about 72 hours.
- 18. (Previously presented) The process according to claim 1 wherein the wet processing or the wet milling produces.
 - 19. (Currently amended) A process for producing a fermentation feedstock comprising
- a) contacting corn and/or millet(s) or parts thereof with at least one agent selected from the group consisting of non-protein, non-amino acid, non-vitamin, organic sulfur containing compounds; thiosulfate; and sodium dithionite to produce agent-treated corn and/or millet(s) or parts thereof; and
- b) wet processing or wet milling the agent-treated corn and/or millet(s) or parts thereof to produce a starch stream and/or a protein stream; and
 - c) using said starch stream and/or said protein stream in a fermentation feedstock.
 - 20. (Canceled)
 - 21. (Original) A fermentation feedstock produced according to claim 19.